

**Software Engineering Project Report: Gagan Deep Singh and Onkar Sharma**

Test Case ID	Test Objective	Test Data	Expected Results	Actual Results	Test Pass/Fail
001	To test working of main landing page.	URL of the landing page hosted on computer's loopback address. url: <a href="localhost/software/project/">localhost/software/project/</a>	Landing page is expected to work with proper styling and format.	Landing page is working as expected with proper styling and format.	Pass
002	To test user signup process.	Name, user ID, email, password, purpose.  Name: Gagandeep Singh, User ID: gagandeep1, Email: gagandeep@mail.com, Password: qazmlp, Purpose: General weather prediction.	Signup process complete successfully, Login page should appear with success message.	Signup process complete successfully, Login page appears with success message.	Pass
003	To test user login process.	User ID and Password  User ID: gagandeep1 Password: qazmlp	User dashboard should appear.	User Dashboard appears.	Pass
004	To test user settings	New username, email or profile picture.	Username, email and profile picture should be updated.	Username, email and profile picture are updated.	Pass
005	To test user logout process.	Click on account in top right corner and then logout.	User logs out and homepage should appear.	User logs out and homepage appears.	Pass
006	To test predictions	Select date along with time from dropdown menu in dashboard.	Predictions related to temperature, pressure, humidity, and wind speed should display.	Temperature, pressure, humidity, and wind speed predictions appears.	Pass
007	To test is predictions are requested without selecting the date and time.	Click on get predictions in dashboard.	Error message should come and date and time should be requested.	Error message appears.	Pass
008	To test is predictions	Click on get	Error	Error	Pass

	are requested without providing location	predictions in dashboard without selecting locations.	message should appear, asking for location.	message appears asking for location.	
009	To test contact-us link.	Click on the link at the bottom of the page.	Company details should display along with Email IDs of developers.  A feedback form should.	Company details get displayed along with Email IDs of developers.  A feedback form appears.	Pass
010	To test feedback form.	Fill in the questions asked in form.	Success message should display stating thanks for cooperation.	Success message appears stating thanks.	Pass
011	To test get predictions process by admin.	Location, date and time.	System should work as worked for user.	Weather data gets displayed as for the user.	Pass
012	To test admin manual addition of data.	New data, related to temperature, pressure, humidity and wind speed.	New data should be added to database.	New data gets added in database.	Pass
013	To test deletion/modification of data	Input date and time for which data has to be deleted and modified.	Change should appear in database.	Database gets updated.	Pass
014	To test admin login process.	Enter admin ID and password.  Admin ID: Password:	Admin should able to login, and see his dashboard.	Admin login appears.	Pass
015	To test admin block user process.	User ID of user whom admin has a suspicion upon.	User gets blocked.	User ID no longer able to login.	Pass